

Mercer County



MERCER

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398 Olden Avenue

398 Olden Avenue

Trenton City

Mercer County

BLOCK: 202D **LOT:** 181
BLOCK: 202E **LOT:** 160, 162

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Stations
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.6 Acres (total)

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Soil

Volatile Organic Compounds

Removed

FUNDING SOURCES

Corporate Business Tax





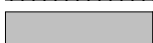






AMOUNT AUTHORIZED

\$403,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site consists of two abandoned gasoline service stations located in close proximity to one another. One, known as Frank's Service Station, is located on the corner of North Olden Avenue and Dickinson Street. The other is known as Tex's Service Station and is located on the corner of North Olden Avenue and Lawrence Street. Each is approximately 0.3 acres. Between the two former service stations is an industrial blacksmith building. In 1993 the local electric and gas company alerted NJDEP that heavy gasoline odors were present in an underground utility vault located near the sites. NJDEP investigated and determined that several underground storage tanks at the two former service stations still contained petroleum product. NJDEP issued directives to current and former owners of the properties that required them to address the vapor hazard and close the underground storage tanks, but they did not comply.

In 1999 NJDEP's Remedial Response Element began a Remedial Investigation (RI) to delineate the contamination in the soil and ground water at the former gas stations. NJDEP implemented an Interim Remedial Measure (IRM) in 2001 to remove nine underground storage tanks and 1,600 tons of contaminated soil from the sites. Monitor wells were installed at the sites in late 2003 and these will be sampled to determine whether a ground water remedial action is necessary. Nearby homes are periodically tested for gasoline vapors. To date, no problems have been found.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
UST & Soil Removal IRM					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Hopewell Borough Water Department Well 4

Louellen Street & Model Avenue Hopewell Borough

Mercer County

BLOCK: 13 **LOT:** 1

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES











Spill Fund

AMOUNT AUTHORIZED

\$90,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Municipal Well 4 provides water for approximately one-third of Hopewell Borough's daily demand. Routine sampling conducted in 1993 revealed that the well was contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants were trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE). NJDEP's Remedial Response Element installed a carbon filtration system on the well as an interim measure in 1993. The Borough installed an air stripper on the well as a permanent remedy in 2001 with funds provided by NJDEP and is operating and maintaining the system. An investigation is underway to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (Carbon)					 Planned
Receptor Control (Aeration)					 Underway
					 Completed
					 Not Required

Princeton Farms Ground Water Contamination

Moores Mill-Mount Rose Road & Howard Way

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Tetrachloroethylene

STATUS

Confirmed

Potable Water

Tetrachloroethylene

Treating

FUNDING SOURCES

Spill Fund

1981 Bond Fund









AMOUNT AUTHORIZED

\$178,000

\$19,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the local health department in 1995 identified 12 private potable wells in this area that were contaminated with tetrachloroethylene (also known as perchloroethylene, or PCE) at levels exceeding the New Jersey Drinking Water Standard for this volatile organic compound. NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. NJDEP's Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis for the site in 1997. Based on the findings, NJDEP concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes. Additional investigative work is underway to identify possible sources of the ground water contamination at this site

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required

Trenton Fibre Drum Company Inc.

1545 New York Avenue

Lawrence Township

Mercer County

BLOCK: 408 **LOT:** 1-19

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Drum Reconditioning
OPERATION STATUS: Inactive

PROPERTY SIZE: 2 Acres

SURROUNDING LAND USE: Industrial/Commercial/Residential

MEDIA AFFECTED

CONTAMINANTS

STATUS

Ground Water

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Pesticides
Metals

Delineated

Soil

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Pesticides
Metals

Delineated

Surface Water

Semi-Volatile Organic Compounds
Pesticides
Metals

Levels Not of Concern

Sediments

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Metals

Levels Not of Concern

Building Interior
(Foundation)

Volatile Organic Compounds
Semi-Volatile Organic Compounds
Polychlorinated Biphenyls (PCBs)
Petroleum Hydrocarbons
Metals

Levels Not of Concern

FUNDING SOURCES

AMOUNT AUTHORIZED

1986 Bond Fund
Corporate Business Tax

\$25,000
\$651,000







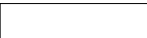
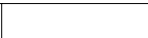
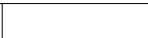



SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Trenton Fibre Drum Company operated a steel and fiber drum reconditioning facility at this site between 1965 and 1985. The building was demolished and all that remains at the site is the foundation. Numerous drums containing chemical wastes were left at the site when operations ceased. A preliminary investigation conducted by USEPA in 1985 indicated soil at the site and the sediments and surface water in a nearby ditch were contaminated with organic compounds and metals. USEPA disposed of approximately 1,000 drums and a 550-gallon underground gasoline storage tank during a removal action in 1991.

The Township of Lawrence and NJDEP's Site Remediation Program subsequently entered into a Memorandum of Agreement (MOA) in which the Township agreed to investigate the extent of the contamination at the property. The Township completed a Preliminary Assessment Report and Site Investigation Report in 1997 that concluded numerous spills and subsurface sources had contaminated the soil, surface water and ground water and that the contamination was migrating off site, but the Township terminated the MOA in 1997 before the Remedial Investigation was completed. In 2003 NJDEP's Remedial Response Element completed a Remedial Investigation and Remedial Alternatives Analysis (RI/RAS) that revealed soil and ground water at the site was contaminated, but surface water, sediments and the building interior were not significantly impacted. NJDEP plans to issue a Proposed Decision Document in 2004 outlining its recommendations to address the soil and ground water contamination.

Trenton Fibre Drum Company Inc.

(Continued from previous page)

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Drum Removal					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Yard Road Ground Water Contamination

Route 31 & Yard Road

Hopewell Township

Mercer County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax









AMOUNT AUTHORIZED

\$73,000

\$130,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hopewell Township Health Department and NJDEP's Remedial Response Element between 1999 and 2001 identified 20 private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminant was trichloroethylene (TCE). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. The Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis in 2002. Based on the findings, NJDEP concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes. NJDEP is periodically sampling private potable wells around the CKE to monitor ground water quality in the area. NJDEP also completed a source investigation for this site in 2003 that indicated the ground water contamination had originated from a nearby industrial facility.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required